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Route de Vinon-sur-Verdon - CS 90 046 - 13067 St Paul Lez Durance Cedex - France

Date: 26 July 2021

Call for Expertise Ref: IO/21/CFE/10021792/ERA

Magnetics diagnostics I&C integration support

Dear Madam/Sir,

The ITER Organization (IO) requests eligible companies, institutions and other entities to provide their proposal for the provision of services to perform the task named above. The objective of this Call for Expertise (CFE) tender process is to acquire the services of **one (1)** suitably qualified expert for a maximum contract period of 12 months. The Services are expected to start in September 2021. Unless specifically requested by the IO, the tenderer should not submit multiple CVs offering a variation of technical experience levels and costs.

The following documents are attached to allow you to propose your candidacy:

- Annex I: Technical Specification ref. ITER_D_5CVLDY v1.3 dated 21 July 2021
- Annex II: Technical Experience Profile / CV (template)
- Annex III a and b : Price schedule & cost breakdown (template)
- Annex IV: Statement of exclusivity and availability
- Annex V: Draft Special Conditions Service Contract
- Annex VI: ITER General Terms & Conditions for Service Contracts version 2014
- Annex VII: Declaration of Background Intellectual Property (BIP) (template)
- Annex VIII: Confidentiality commitment

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usa

Documents required with your proposal:

Tenderers must provide their own version of a technical proposal. As a minimum, the list of documents required is as follows:

- Technical offer including an implementation/management/quality plan - dated and signed
- Experience Profile / CV
- Financial Proposal – to be submitted dated and signed as a separate pdf doc.
- Statement of Exclusivity & Availability - duly signed & returned.
- Declaration of Background Intellectual Property (BIP) - duly signed & returned.

All documents submitted by the Tenderer shall become the property of the ITER Organization, and shall be considered strictly confidential.

Deadline for submission of proposals:

The time & date for receipt of proposals is **16.00 CEST on 26 August 2021.**

Address for submission of proposal:

Proposals should be submitted by e-mail to: Yassine.Ayoub@iter.org and copied to Emilio.Rondinella@iter.org.

Evaluation Process & Contract Award:

Proposals will be evaluated by an impartial, professionally competent technical Evaluation Committee of the ITER Organisation. A contract will be awarded on the basis of best value for money according to the following:

Technical Content - 60 points. The tenderer must provide details demonstrating their knowledge and experience in the required subject, including a description of how they propose to carry out the work/deliverables in accordance with the technical specification.

The Evaluation Committee shall evaluate the information provided in the bidder’s technical proposal in relation to the key criteria areas. No other criteria will be used.

Evaluation Criteria

#	Criteria	section in the Technical Specification ref. ITER_D_5GAAPD v1.1	Points
1	Master degree or equivalent in Physics, Control Engineering or Computer Science; familiarity with fusion machines, plasma physics and tokamak instrumentation.	Section 8.1	10
2	At least 10 years’ experience working as Control Software Engineer in designing, installing, commissioning or operation of Instrumentation and Control (I&C) systems for large-scale research facilities.	Section 8.1	10
3	Demonstrated experience in using, designing, implementing and verifying control system distributed automation software frameworks and applications.	Section 8.1	10
4	Demonstrated experience is using Linux, C++, python, and real-time application frameworks.	Section 8.1	10
5	Demonstrated experience in using agile software development processes, and applying high-integrity software quality assurance processes.	Section 8.1	10
6	Experience with using EPICS7 Channel Access and pvAccess communication protocols; familiarity with ITER integrated control system architecture, tools and techniques.	Section 8.1	10
Total			60

Only proposals passing the minimum technical score of 60% of 60 points (i.e. 36 points) will be considered technically compliant and eligible for the financial assessment.



Financial Offer - 40 points. The lowest priced financial offer will receive the maximum score of 40 points. All other financial offers will be divided into the lowest priced offer in turn (next highest) providing a score that is inversely proportionate to the price being offered.

Following the completion of the evaluation process described above, the proposal with the highest score out of a maximum of 100 points will be deemed to represent the best value for money.

Eligibility

Tenderers from the following ITER Member States are eligible for tendering:

- European Union (EURATOM Members),
- Republic of India,
- Japan,
- People's Republic of China,
- Republic of Korea,
- Russian Federation,
- United States of America

ITER Organization reserves the right to broaden the eligibility to other countries if deemed appropriate.

Yours sincerely,

Emilio Rondinella
Procurement Responsible Officer
ITER/DG/CORP/FPD/Procurement and Contracts Division/ESOC Section